



TITAN UTTO TO-4 SAE 30

Super High Performance multifunctional transmission lubricant for construction machinery.

Description

TITAN UTTO TO-4 SAE 30 is a Super High Performance multifunctional oil, which has been specially designed to meet the rigorous requirements of the CATERPILLAR TO-4 specification. This formulation is based on the latest components technology.

Application

TITAN UTTO TO-4 SAE 30 can be used in power-shift transmissions, gearboxes, final drives and hydraulic systems, where the manufacturer dictates the use of CATERPILLAR TO-4 oil in the viscosity grade of SAE 30. Additionally TITAN UTTO TO-4 SAE 30 is recommended when oil in accordance to API GL-4, KOMATSU KES 07.868.1, ZF TE-ML 03C, ZF TE-ML 07F, ALLISON C-4, ALLISON TES-439 and many others more is specified. TITAN UTTO TO-4 SAE 30 is miscible and compatible with CAT TO-2 oils, also as with conventional hydraulic fluids and engine oils, which makes it easy to change over to TITAN UTTO TO-4 SAE 30. TITAN UTTO TO-4 SAE 30 is miscible and compatible with conventionally branded UTTO's, gear- and engine oils. However, mixing with other UTTO's, gear- and engine oils should be avoided in order to fully utilize the product's benefits. Therefore, a complete oil change is recommended when converting to TITAN UTTO TO-4 SAE 30. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Excellent foam control protection
- top performance in wet brakes
- excellent control of brake chatter
- Extended friction-lining life of brakes and clutches
- Outstanding wear control for gears and hydraulic
- Improved thermal and oxidation stability
- Wide application range
- Additionally available in a large number of viscosity grades (SAE 10W / 30 / 40 / 50 / 60) for all operation conditions. Please choose the viscosity grade in accordance to manufacturer's recommendations and the operational conditions.

Specifications

- API GL-4
- CAT TO-4
- KOMATSU KES 07.868.1

Approvals

- ZF TE-ML 03C, 07F

FUCHS Recommendations

- ALLISON C-4
- ALLISON TES-439
- DANA
- EATON



TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0,875	g/ml
Colour	DIN ISO 2049	2	ASTM
Flash Point, CoC	DIN ISO 2592	255	°C
Pour Point	DIN ISO 3016	-38	°C
Kinematic Viscosity at 40°C	DIN 51562-1	84,3	mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	10,7	mm ² /s
Viscosity Index	DIN ISO 2909	112	

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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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